

# IDAHO STATE DEPARTMENT OF GROUND WATER MONITORING PROGRAM

## INORGANIC DATA SUMMARY OF MUD LAKE REGIONAL PROJECT STUDY

*ISDA Well ID*    *Township*    *Range*    *Section*  
8300101        7   N        36 E        35

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/11/1998	2.7	ND	ND	10	9.8	ND	ND	0.91
8/11/1999	2.4	ND	ND	9.4	10	ND	ND	0.97
7/10/2000	2.7	ND	ND	9.3	10	ND	ND	0.99
7/17/2001	2.20	ND	ND	8.60	9.20	BDL	ND	1.10
7/24/2002	2.200	ND	BDL	8.50	9.00	BDL	ND	0.94
8/5/2003	2.3	ND	ND	8.1	9.4	0.13	ND	0.94

*ISDA Well ID*    *Township*    *Range*    *Section*  
8300201        7   N        36 E        23

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/11/1998	2.8	ND	ND	8.2	11	ND	ND	0.84
8/10/1999	3.1	ND	ND	9.5	14	ND	ND	0.79
7/10/2000	2.9	ND	ND	7.7	11	ND	ND	0.91
7/17/2001	2.90	ND	ND	9.10	13.00	0.12	ND	0.87
7/24/2002	2.700	ND	BDL	7.90	11.00	BDL	ND	0.83
8/5/2003	3.2	ND	ND	8.6	14	BDL	ND	0.75

Results reported higher than the noted detection limit signifies a positive detection. All constituents listed without detection limits are reported as actual detections. For results reported below the detection limit, these indicate non-detectable levels.

<i>ISDA Well ID</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>
8300301	7 N	36 E	22

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/11/1998	2.3	ND	ND	8.1	10	ND	ND	0.81
8/10/1999	2.3	ND	ND	8.6	11	ND	ND	0.85
7/10/2000	2.6	ND	ND	8	11	ND	ND	0.88
7/17/2001	2.30	ND	ND	8.10	11.00	BDL	ND	0.91
7/23/2002	2.40	ND	ND	8.30	11.00	BDL	ND	0.81
8/5/2003	2.7	ND	ND	8.4	12	BDL	ND	0.81

<i>ISDA Well ID</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>
8300401	7 N	36 E	14

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/11/1998	4.3	ND	ND	10	18	ND	ND	0.66
8/10/1999	4.2	ND	ND	10	22	ND	ND	0.73
7/10/2000	4.5	ND	ND	9.6	20	ND	ND	0.77
7/17/2001	3.40	ND	ND	8.70	16.00	BDL	ND	0.80
7/23/2002	3.80	ND	BDL	8.80	18.00	BDL	ND	0.70
8/5/2003	3.9	ND	ND	8.3	17	0.15	ND	0.7

<i>ISDA Well ID</i>	<i>Township</i>	<i>Range</i>	<i>Section</i>
8300501	7 N	36 E	12

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/11/1998	4.4	ND	ND	13	15	ND	ND	0.82
8/11/1999	3.3	ND	ND	11	13	ND	ND	0.91
7/10/2000	3.2	ND	ND	9.6	12	ND	ND	0.94
7/17/2001	3.00	ND	ND	9.80	12.00	BDL	ND	0.97
7/23/2002	2.80	ND	ND	9.2	11.00	BDL	ND	0390
8/5/2003	3.9	ND	ND	9.2	14	BDL	ND	0.86

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*ISDA Well ID*    *Township*    *Range*    *Section*  
8300601        7   N        36 E        4

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/11/1998	1.3	ND	ND	9.2	9.8	ND	ND	0.37
8/10/1999	1.3	ND	ND	9.7	9.8	ND	ND	0.68
7/10/2000	1.4	ND	ND	8.6	9.5	ND	ND	0.72
7/17/2001	1.50	ND	ND	8.80	9.30	BDL	ND	0.74
7/23/2002	2.30	ND	BDL	10.00	10.00	BDL	ND	0.68
8/5/2003	2	ND	ND	9	10	BDL	ND	0.69

*ISDA Well ID*    *Township*    *Range*    *Section*  
8300701        8   N        36 E        31

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/11/1998	1.7	ND	ND	4.9	8.8	ND	ND	0.087
8/11/1999	1.5	ND	ND	5.1	7.5	ND	ND	0.25
7/12/2000	1.2	ND	ND	4.5	7.2	ND	ND	0.21
7/17/2001	2.70	ND	ND	9.50	12.00	BDL	ND	0.20
7/23/2002	2.50	ND	BDL	6.80	9.00	BDL	ND	0.23
8/5/2003	0.66	ND	ND	3.3	7.9	BDL	ND	0.21

*ISDA Well ID*    *Township*    *Range*    *Section*  
8300801        8   N        36 E        33

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/11/1998	1.4	ND	ND	9.6	7.6	ND	ND	0.67
8/10/1999	3.6	ND	ND	79	34	ND	ND	0.24
7/10/2000	2.9	ND	ND	15	9.5	ND	ND	0.7
7/17/2001	2.70	ND	ND	12.00	9.90	BDL	ND	0.72
7/23/2002	2.90	ND	BDL	15.00	9.90	BDL	ND	0.65
8/5/2003	2.5	ND	ND	9.9	9.9	0.31	ND	0.67

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*ISDA Well ID*    *Township*    *Range*    *Section*  
8300901        7   N        35 E        36

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/11/1998	0.91	ND	ND	8.6	10	ND	ND	0.2
8/10/1999	0.88	ND	ND	9.3	9.9	ND	ND	0.37
7/10/2000	0.9	ND	ND	8.6	9.8	ND	ND	0.35
7/17/2001	1.00	ND	ND	8.20	9.50	BDL	ND	0.34
7/24/2002	1.100	ND	BDL	8.10	9.20	BDL	ND	0.34
8/5/2003	1.4	ND	ND	8.4	10	0.18	ND	0.33

*ISDA Well ID*    *Township*    *Range*    *Section*  
8301001        7   N        35 E        36

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/11/1998	2.1	ND	ND	26	20	ND	ND	0.07
8/10/1999	2.5	ND	ND	29	22	ND	ND	0.25
7/10/2000	2.6	ND	ND	26	24	ND	ND	0.22
7/17/2001	2.60	ND	0.16	25.00	22.00	BDL	ND	0.19
7/24/2002	2.300	ND	BDL	26.00	21.00	BDL	ND	0.23
8/5/2003	2.7	ND	ND	23	22	0.3	ND	0.2

*ISDA Well ID*    *Township*    *Range*    *Section*  
8301101        6   N        35 E        2

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/12/1998	0.67	ND	ND	9.6	9.1	ND	ND	0.23
8/10/1999	0.66	ND	ND	10	9.2	ND	ND	0.41
7/10/2000	0.61	ND	ND	9.2	8.9	ND	ND	0.38
7/18/2001	0.62	ND	BDL	9.10	8.90	0.13	ND	0.36
7/24/2002	0.640	ND	BDL	9.70	8.80	BDL	ND	0.36
8/6/2003	0.74	ND	ND	9.9	9.7	0.18	ND	0.37

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**ISDA Well ID**    **Township**    **Range**    **Section**  
8301201            6   N        35 E        3

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/12/1998	0.63	ND	ND	9.9	8.4	ND	ND	0.23
8/11/1999	0.63	ND	ND	11	8.8	ND	ND	0.4
7/11/2000	0.61	ND	ND	11	8.7	ND	ND	0.39
7/18/2001	0.61	ND	BDL	10.00	9.50	BDL	ND	0.38
7/24/2002	0.640	ND	BDL	11.00	8.30	BDL	ND	0.37
8/6/2003	0.73	ND	ND	12	9.2	0.24	ND	0.38

**ISDA Well ID**    **Township**    **Range**    **Section**  
8301301            6   N        35 E        15

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/12/1998	3.7	ND	ND	49	24	ND	ND	0.043
8/11/1999	3.3	ND	ND	58	24	ND	ND	0.18
7/11/2000	3.8	ND	ND	61	25	ND	ND	0.18
7/18/2001	3.50	ND	BDL	56.00	23.00	BDL	BDL	0.17
7/24/2002	3.800	ND	BDL	57.00	26.00	BDL	BDL	0.18
8/6/2003	4	ND	ND	59	28	BDL	0.12	0.16

**ISDA Well ID**    **Township**    **Range**    **Section**  
8301401            6   N        35 E        15

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/12/1998	3.9	ND	ND	56	28	ND	ND	0.038
8/11/1999	3.4	ND	ND	55	26	ND	ND	0.15
7/11/2000	3.9	ND	ND	54	26	ND	ND	0.16
7/18/2001	3.60	ND	BDL	52.00	25.00	0.10	BDL	0.14
7/25/2002	3.700	ND	BDL	56.00	25.00	BDL	BDL	0.16
8/6/2003	4	ND	ND	54	25	BDL	0.11	BDL

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*ISDA Well ID*      *Township*      *Range*      *Section*  
8301501            6   N            35 E            16

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/12/1998	4.6	ND	ND	18	42	ND	ND	ND
8/11/1999	4.5	ND	ND	23	42	ND	ND	0.15
7/11/2000	4.8	ND	ND	18	43	ND	ND	ND
7/18/2001	3.90	ND	BDL	24.00	46.00	BDL	BDL	0.11
7/30/2002	3.700	ND	BDL	21.00	35.00	BDL	ND	0.12
7/30/2002	3.600	ND	BDL	20.00	34.00	BDL	ND	0.11
8/6/2003	3.8	ND	ND	19	38	0.17	BDL	BDL

*ISDA Well ID*      *Township*      *Range*      *Section*  
8301601            6   N            35 E            8

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/12/1998	1.8	ND	ND	20	11	ND	ND	0.22
8/10/1999	2	ND	ND	25	13	ND	ND	0.37
7/11/2000	1.9	ND	ND	22	12	ND	ND	0.37
7/18/2001	1.80	ND	BDL	19.00	12.00	0.10	BDL	0.36
7/25/2002	1.800	ND	BDL	21.00	11.00	BDL	BDL	0.37
8/6/2003	1.9	ND	ND	21	13	0.26	ND	0.35

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**ISDA Well ID**    **Township**    **Range**    **Section**  
8301701            6   N        34 E        24

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/12/1998	0.73	ND	ND	15	11	ND	ND	0.17
8/10/1999	0.73	ND	ND	15	11	ND	ND	0.34
7/11/2000	0.71	ND	ND	14	11	ND	ND	0.33
7/19/2001	0.68	ND	BDL	12.00	11.00	BDL	ND	0.32
7/25/2002	0.680	ND	BDL	14.00	11.00	BDL	ND	0.32
8/6/2003	0.71	ND	ND	14	11	BDL	ND	0.3

**ISDA Well ID**    **Township**    **Range**    **Section**  
8301801            6   N        34 E        14

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/12/1998	6.5	ND	ND	62	40	ND	ND	0.041
8/10/1999	6.2	ND	ND	65	39	ND	ND	0.13
7/12/2000	5.7	ND	ND	60	38	ND	ND	0.17
7/19/2001	5.20	ND	BDL	46.00	37.00	BDL	BDL	0.15
7/25/2002	5.700	ND	BDL	65.00	39.00	BDL	BDL	0.17
8/7/2003	5	ND	ND	48	400	0.23	BDL	BDL

**ISDA Well ID**    **Township**    **Range**    **Section**  
8301901            6   N        34 E        15

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/12/1998	5.4	ND	ND	50	39	ND	ND	0.038
8/10/1999	5	ND	ND	48	40	ND	ND	0.13
7/12/2000	5.3	ND	ND	49	38	ND	ND	0.16
7/19/2001	5.00	ND	BDL	42.00	36.00	BDL	BDL	0.14
7/25/2002	5.000	ND	BDL	46.00	39.00	BDL	BDL	0.16
8/7/2003	5.1	ND	ND	46	290	BDL	BDL	BDL

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**ISDA Well ID**    **Township**    **Range**    **Section**  
8302001        6   N        34 E        22

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/12/1998	5.5	ND	ND	51	39	ND	ND	ND
8/10/1999	5.1	ND	ND	50	38	0.82	ND	0.11
7/12/2000	5.2	ND	ND	51	37	ND	ND	ND
7/19/2001	5.00	ND	BDL	42.00	35.00	BDL	BDL	0.13
7/31/2002	4.800	ND	BDL	47.00	36.00	BDL	BDL	0.13
8/7/2003	ND	ND	ND	8.5	4.6	0.42	ND	0.57

**ISDA Well ID**    **Township**    **Range**    **Section**  
8302101        6   N        34 E        9

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/13/1998	5.2	ND	ND	37	37	ND	ND	ND
8/11/1999	4.6	ND	ND	36	37	ND	ND	0.18
7/11/2000	5.1	ND	ND	33	36	ND	ND	ND
7/18/2001	4.60	ND	BDL	30.00	34.00	BDL	BDL	0.10
7/31/2002	4.600	ND	BDL	31.00	34.00	BDL	BDL	0.11
8/6/2003	4.9	ND	ND	33	35	0.46	BDL	BDL

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*ISDA Well ID*    *Township*    *Range*    *Section*  
8302201        6   N        34 E        4

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/13/1998	0.015	ND	ND	6	13	0.07	ND	0.31
8/11/1999	0.015	ND	ND	6.5	14	0.2	ND	0.5
7/11/2000	ND	ND	ND	6	14	0.19	ND	0.47
7/19/2001	ND	ND	BDL	6.40	14.00	0.27	ND	0.50
7/31/2002	ND	ND	BDL	7.20	480.00	0.18	ND	0.44
7/31/2002	ND	ND	BDL	6.00	14.00	0.16	ND	0.45
8/6/2003	ND	ND	ND	6.2	15	0.17	ND	0.46

*ISDA Well ID*    *Township*    *Range*    *Section*  
8302301        6   N        33 E        2

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/13/1998	1.7	ND	ND	16	14	0.03	ND	0.42
8/11/1999	2.4	ND	ND	20	19	ND	ND	0.44
7/12/2000	2.3	ND	ND	21	20	ND	ND	0.42
7/19/2001	2.10	ND	BDL	16.00	18.00	0.19	BDL	0.46
7/30/2002	1.700	ND	BDL	15.00	14.00	0.16	ND	0.48
8/7/2003	2.3	ND	ND	21	20	0.46	ND	0.38

Results reported higher than the noted detection limit signifies a positive detection. All constituents listed without detection limits are reported as actual detections. For results reported below the detection limit, these indicate non-detectable levels.

**ISDA Well ID**    **Township**    **Range**    **Section**  
8302401            7   N        33 E        26

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/13/1998	0.015	ND	ND	10	11	0.81	ND	0.48
8/11/1999	0.015	ND	ND	10	11	ND	ND	0.56
7/12/2000	ND	ND	ND	9.9	11	0.72	ND	0.53
7/19/2001	BDL	ND	BDL	9.60	12.00	0.89	ND	0.54
7/30/2002	ND	ND	BDL	9.60	10.00	0.75	ND	0.50
8/7/2003	ND	ND	ND	9.8	11	0.62	ND	0.5

**ISDA Well ID**    **Township**    **Range**    **Section**  
8302501            7   N        33 E        11

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/13/1998	0.042	ND	ND	27	34	0.25	ND	0.37
8/11/1999	0.015	ND	ND	31	37	0.27	ND	0.55
7/12/2000	ND	ND	ND	44	45	0.24	ND	0.59
7/18/2001	0.10	ND	ND	43.00	46.00	BDL	BDL	0.48
8/1/2002	0.064	ND	BDL	53.00	50.00	0.16	BDL	0.42
8/7/2003	BDL	ND	ND	54	53	0.22	0.13	0.4

**ISDA Well ID**    **Township**    **Range**    **Section**  
8302601            07 N        33 E        02

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/13/1998	0.015	ND	ND	11	16	0.23	ND	0.67
8/11/1999	0.015	ND	ND	12	16	0.19	ND	0.74
7/12/2000	ND	ND	ND	13	20	0.18	ND	0.75
7/18/2001	ND	ND	ND	13.00	20.00	0.18	BDL	0.72
8/1/2002	ND	ND	BDL	14.00	30.00	0.22	ND	0.68
8/7/2003	ND	ND	ND	17	32	0.19	ND	0.66

**Results reported higher than the noted detection limit signifies a positive detection. All constituents listed without detection limits are reported as actual detections. For results reported below the detection limit, these indicate non-detectable levels.**

**ISDA Well ID**    **Township**    **Range**    **Section**  
8302701        7   N        33 E        16

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/13/1998	6	ND	ND	96	99	ND	ND	ND
8/11/1999	5.9	ND	ND	110	110	ND	ND	0.26
7/12/2000	6.3	ND	ND	120	98	ND	0.2	0.24
7/19/2001	6.60	ND	BDL	130.00	4.70	BDL	0.23	0.25
7/31/2002	6.700	ND	BDL	150.00	110.00	BDL	0.26	0.23
8/7/2003	6.5	ND	ND	160	120	BDL	0.3	0.25

**ISDA Well ID**    **Township**    **Range**    **Section**  
8302801        6   N        34 E        20

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/13/1998	0.015	ND	ND	4.8	9.6	0.39	ND	0.49
8/10/1999	0.015	ND	ND	5.4	9.7	ND	ND	0.56
7/12/2000	0.069	ND	ND	5.1	9.2	0.29	ND	0.53
7/18/2001	BDL	ND	BDL	4.90	9.10	0.56	ND	0.53
7/31/2002	ND	ND	BDL	4.90	8.70	0.35	ND	0.50
8/6/2003	ND	ND	ND	5.2	15	0.29	ND	0.52

**ISDA Well ID**    **Township**    **Range**    **Section**  
8302901        6   N        34 E        28

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/13/1998	0.015	ND	ND	7.5	5.7	0.28	ND	0.47
8/11/1999	0.015	ND	ND	7.8	6.3	0.22	ND	0.54
7/12/2000	ND	ND	ND	7.5	5.5	0.23	ND	0.54
7/18/2001	ND	ND	BDL	7.10	5.30	0.33	ND	0.52
7/30/2002	ND	ND	BDL	7.10	5.10	0.25	ND	0.50
8/6/2003	ND	ND	ND	7.5	6	0.2	ND	0.51

**Results reported higher than the noted detection limit signifies a positive detection. All constituents listed without detection limits are reported as actual detections. For results reported below the detection limit, these indicate non-detectable levels.**

*ISDA Well ID*    *Township*    *Range*    *Section*  
8303001        6   N        35 E        22

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
8/13/1998	4.9	ND	ND	25	24	ND	ND	ND
8/11/1999	5.1	ND	ND	25	25	ND	ND	0.15
7/11/2000	5	ND	ND	26	24	ND	ND	ND
7/19/2001	5.40	ND	BDL	37.00	26.00	0.11	BDL	BDL
7/25/2002	6.900	ND	BDL	32.00	24.00	BDL	BDL	0.12
8/7/2003	8.5	ND	ND	28	25	0.43	BDL	BDL

*ISDA Well ID*    *Township*    *Range*    *Section*  
8303101

<i>SampleDate</i>	<i>Nitrate mg/L*</i>	<i>Nitrite mg/L</i>	<i>OrthoP mg/L</i>	<i>Chloride mg/L</i>	<i>Sulfate mg/L</i>	<i>Ammonia mg/L</i>	<i>Bromide mg/L</i>	<i>Fluoride mg/L</i>
7/25/2002	5.1	ND	BDL	50	39	BDL	BDL	0.17
7/25/2002	5.1	ND	BDL	50	39	NA	BDL	0.17
8/7/2003	5.1	ND	ND	48	390	BDL	BDL	BDL

Results reported higher than the noted detection limit signifies a positive detection. All constituents listed without detection limits are reported as actual detections. For results reported below the detection limit, these indicate non-detectable levels.